

Roland®

GUITAR AMPLIFIER

*Blues Cube*

**BC-30**



**BC-30/210**

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**Owner's Manual**



Before using this unit, carefully read the sections entitled: "IMPORTANT SAFETY INSTRUCTIONS" (p.2), "USING THE UNIT SAFETY" (p.3) and "IMPORTANT NOTES" (p.7). These sections provide important information concerning the proper operation of the unit. Additionally, the manual should be saved and kept on hand as a convenient reference.

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<b>ATTENTION:</b> RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIIR		
<b>CAUTION:</b> TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

## IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS

**WARNING** - When using electric products, basic precautions should always be followed, including the following:

1. Read all the instructions before using the product.
2. Do not use this product near water — for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.
3. This product should be used only with a cart or stand that is recommended by the manufacturer.
4. This product, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
5. The product should be located so that its location or position does not interfere with its proper ventilation.
6. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
7. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
8. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.
9. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
10. The product should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged; or
  - B. Objects have fallen, or liquid has been spilled onto the product; or
  - C. The product has been exposed to rain; or
  - D. The product does not appear to operate normally or exhibits a marked change in performance; or
  - E. The product has been dropped, or the enclosure damaged.
11. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.

## GROUNDING INSTRUCTIONS

For the USA

This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock.

This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.


**DANGER:** Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product — if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

For the U.K.

**WARNING:** THE APPARATUS MUST BE EARTHED

**IMPORTANT:** THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.  
 GREEN-AND-YELLOW: EARTH, BLUE: NEUTRAL, BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol  or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

The product which is equipped with a THREE WIRE GROUNDING TYPE LINE PLUG must be grounded.



This product complies with the requirements of European Directive 89/336/EEC.

For Europe




# USING THE UNIT SAFELY

## INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

### About ⚠ WARNING and ⚠ CAUTION Notices

<b>⚠ WARNING</b>	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
<b>⚠ CAUTION</b>	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

### About the Symbols

	The ⚠ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The ⚡ symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The ● symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

## ALWAYS OBSERVE THE FOLLOWING

### ⚠ WARNING

- Before using this unit, make sure to read the instructions below, and the Owner's Manual. ⚠
- Do not open or perform any internal modifications on the unit. ⚡
- Make sure you always have the unit placed so it is level and sure to remain stable. Never place it on stands that could wobble, or on inclined surfaces. ⚠
- Avoid damaging the power cord. Do not bend it excessively, step on it, place heavy objects on it, etc. A damaged cord can easily become a shock or fire hazard. Never use a power cord after it has been damaged. ⚡
- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit. ⚠
- Protect the unit from strong impact. (Do not drop it!) ⚠
- Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords—the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through. ⚡
- Before using the unit in a foreign country, consult with your dealer, or qualified Roland service personnel. ⚠

### ⚠ CAUTION

- Always grasp only the plug on the power-supply cord when plugging into, or unplugging from an outlet. ⚡
- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children. ⚠
- Never climb on top of, nor place heavy objects on the unit. ⚡
- Never handle the power cord or its plug with wet hands when plugging into, or unplugging from, an outlet. ⚡
- Before moving the unit, disconnect the power plug from the outlet, and pull out all cords from external devices. ⚡
- Before cleaning the unit, turn off the power and unplug the power cord from the outlet (p. 7). ⚡
- Whenever you suspect the possibility of lightning in your area, pull the plug on the power cord out of the outlet. ⚡
- The unit is very heavy, so care should be taken not to drop it on your feet when moving it. ⚠

## ALL MANUALS ARE NOT THE SAME

Congratulations!

You've made the right choice.

The Blues Cube is the happy result of using Roland's technological expertise to obtain the best possible sound from your electric guitar.

But to get the most out of your Blues Cube, you should go through this manual.

You don't need to keep most amp manuals. But this one will explain important stuff about what makes a great sounding amp and how to get that killer tone.

## OUR DESIGN PHILOSOPHY

An electric guitar doesn't come alive until it's plugged in. Your amp can actually be considered part of the instrument.

In fact, it's almost like the body of a great acoustic, contributing greatly to the final sound. Even a vintage guitar can't give you all it's got if you use a mediocre amp.

We wanted to produce an amp that would simply sound great, so we went back to amplifier basics to rediscover exactly what great guitar sound is and what a great guitar amp is all about.

We analyzed vintage amps from the 50's and 60's, from tweeds to blondes (white P.V.C. covered beauties) to blackface panels as well as a slew of bluesbreaking British amps, all of them highly desirable.

Results conclusively showed that a great amp not only has distinctive warm tones but must also be super-responsive to sound and distortion variations according to a player's picking dynamics and/or guitar volume control.

Many people were involved in our research. Studio pros, vintage amp collectors, semipro and general electric guitar enthusiasts all were part of our listening panels.

Then our engineers and amp designers used leading-edge analog technology to get all the best qualities we were hearing from these amps into the Blues Cube, spurring a new development like the *Tube Logic Technology* (\*).

The Blues Cube brings out every aspect of your guitar.

### \* *Tube Logic Technology*

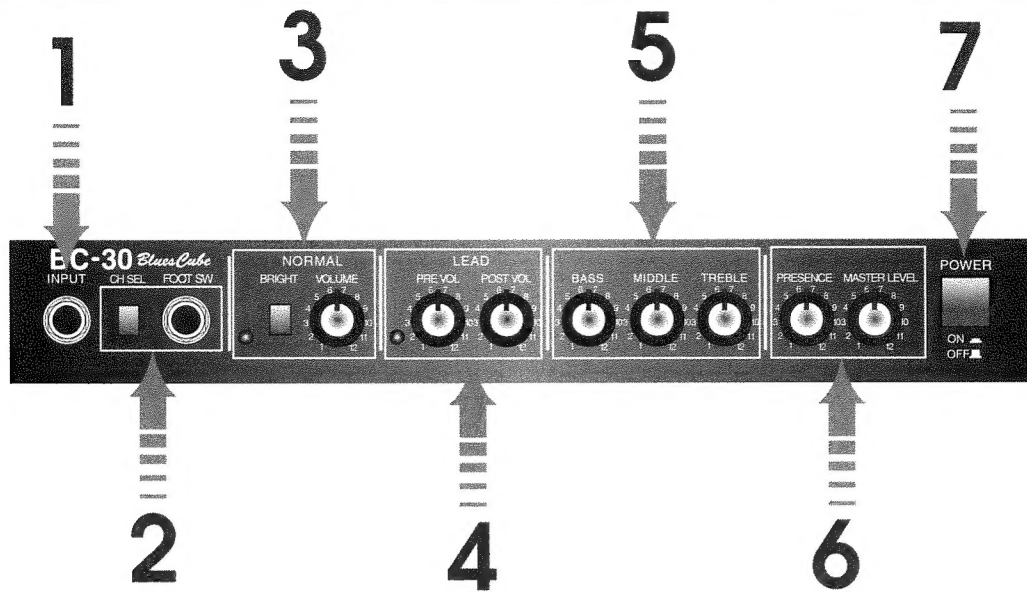
Tube Logic Technology reproduces the sound of various well-known vintage amps, based on scientific analysis and repeated hearing sessions. Not only the typical tube amp characteristics such as warm tones and a creamy overdriven sound, but also practical factors that make it possible to recreate other tube-like characteristics such as playing feel. These "feel factors" were logically analyzed and found to include, for instance, that an 8  $\Omega$  speaker's impedance fluctuates according to the volume and voice range, affecting the frequency response of a tube's power amp stage as well as a pre-amp stage having high-impedance signal path and nonlinear amplitude curve.

Tube Logic technology can faithfully emulate such characteristics that are important in producing good guitar sounds, but previously didn't have much attention paid to them.

## FEATURES

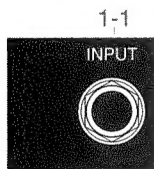
- ✓ Two-channel configuration—NORMAL channel and LEAD channel, each with a dedicated circuit for independent sound characteristics. Switching channels can also be accomplished using an optional footswitch.
- ✓ The NORMAL channel delivers clean sound designed for traditional jazz or country or a warm, crunch sound optimized for blues and rock.
- ✓ Adding to a three-band tone control, the LEAD channel features two volume knobs (PRE VOL and POST VOL) for screaming high gain that is well-suited for rock blues and metal.
- ✓ The active PRESENCE knob only available on high-end units, works on the signal within the power section, adding lustrous highs to the sound even at maximum distortion.
- ✓ The built-in heavy-duty speakers (BC-30; 12" X 1, BC-30/210; 10" X 2) are a direct result of intensive research into famous guitar amp speaker units, such as the "Blue" and British "Greenback" speakers. And with the power amplifier section going into soft clipping, the speaker will deliver an SPL much higher than its rated 30W R.M.S.

# NAMES OF THINGS AND WHAT THEY DO



## ■ BC-30, BC-30/210 Control Panel

### 1. Input



An ultra Hi-Z INPUT jack (1-1) makes sure the vintage single coil pickup sound is at its best.

### 2. Channel Select

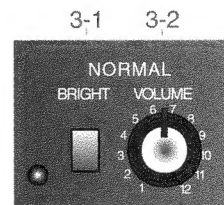


Switch between the NORMAL channel and LEAD channel with the CH SELECT switch (2-1). The channel selected is indicated by green for NORMAL and red for LEAD. Connecting an optional footswitch to the CH SELECT FOOT SW jack (2-2) lets you switch instantly. The optional BOSS FS-5L has an indicator to let you visually confirm it on the footswitch.

*\* If a footswitch is used, the front panel CH SELECT switch will not operate.*

*\* Switching channels can cause a slight noise.*

### 3. Normal Channel



The Normal Channel lets you create sounds from clean, distortion-free type to slight overdrive. Use the channel VOLUME (3-2) to set your level. Using the BRIGHT switch (3-1) provided the brilliant highs of vintage tweeds and blackface panel amps.

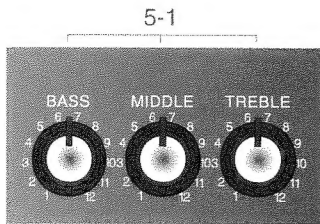
### 4. Lead Channel



The PRE VOL knob (4-1) has a wide enough range to produce crunch to hard distortion. Since it provides ample sustain and feedback, you won't need over-the-top distortion even if you're after a heavy metal sound. With hard distortion you still get superior picking response that enhances your playing. At low guitar volume settings the sound stays natural. The POST VOL knob (4-2) can be used to balance the different volume levels of the NORMAL and LEAD channels.

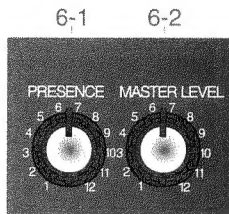


## 5. Three Band Tone Control



The Blues Cube's three-band tone control circuit (5-1) is a passive design delivering natural guitar sound. Repeated listening tests showed that our passive circuit was comparable to an active equalizer and allowed for a wider array of sounds.

## 6. Master Control



The active PRESENCE (6-1) control works on the power amp stage to produce effects that are different from tone controls or equalizers. This adds brilliant highs to the sound, even with hard distortion.

MASTER LEVEL (6-2) controls the total sound level of the Blues Cube.

## 7. Power Switch



The POWER switch (7-1) switches the unit on or off.

\* Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

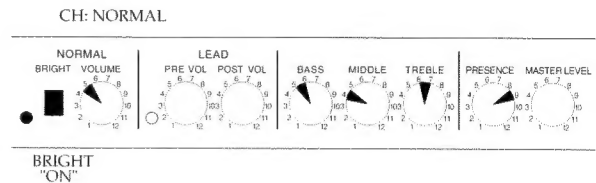
\* This unit is equipped with a protection circuit. A brief interval (a few seconds) after power up is required before the unit will operate normally.

Experience a new world of guitar sound!

## TONE SETTINGS

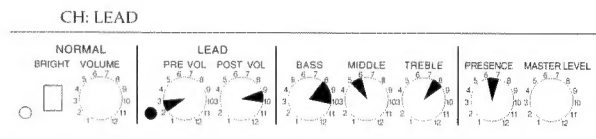
### A. COUNTRY

BRIGHT switch and PRESENCE control add extra presence to clean guitar sound.



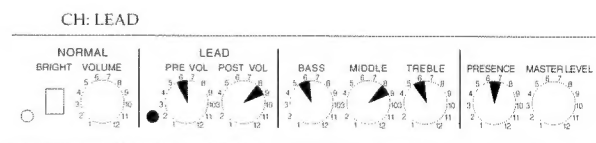
### B. TRADITIONAL BLUES

Crunchy light distortion sound similar to typical overdriven tube amp tone.



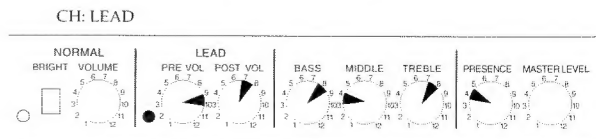
### C. ROCK BLUES

Straight rock guitar sound often used by late 60's and 70's blues-based rock guitarists.



### D. HARD ROCK

Big stack amp-like sound with a lot of bottom emulated by cutting the mid range tone control.



# IMPORTANT NOTES

In addition to the items listed under "IMPORTANT SAFETY INSTRUCTIONS" and "USING THE UNIT SAFELY" on pages 2 and 3, please read and observe the following:

## Power Supply

- Do not use this unit on the same power circuit with any device that will generate line noise (such as an electric motor or variable lighting system).
- Before connecting this unit to other devices, turn off the power to all units. This will help prevent malfunctions and/or damage to speakers or other devices.
- When connections are complete, turn on the other devices, then turn this unit on last in order to prevent the malfunction and/or damage to speakers.

## Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.

## Maintenance

- Wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use

a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.

- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

## Additional Precautions

- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- When connecting/disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- A small amount of heat will radiate from the unit during normal operation.
- To avoid disturbing your neighbors, try to keep the unit's volume at reasonable levels.
- When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.

# SPECIFICATIONS

*\* In the interest of product development, the specifications and/or appearance of this unit are subject to change without prior notice.*

## GUITAR AMPLIFIER: Blues Cube BC-30, BC-30/210

- **Rated Power Output** 30 W/8  $\Omega$  (BC-30, BC-30/210)
- **Nominal Input Level** NORMAL Channel -27 dBm/680 k $\Omega$   
LEAD Channel -55 dBm/680 k $\Omega$
- **Speaker** V12-50 (30 cm/12 inches) X 1 (BC-30)  
V10-45 (25 cm/10 inches) X 2 (BC-30/210)
- **Controls** CHANNEL SELECT switch  
NORMAL Channel  
BRIGHT switch  
VOLUME  
LEAD Channel  
PRE VOLUME  
POST VOLUME  
MASTER Controls  
Equalizer  
BASS  
MIDDLE  
TREBLE  
PRESENCE  
MASTER LEVEL  
POWER switch

- **Indicators** NORMAL Channel  
LEAD Channel
- **Connectors** INPUT jack  
FOOT SWITCH jack  
CHANNEL SELECT
- **Power Supply** AC 117 V, 230 V or 240 V
- **Power Consumption** 30 W/117 V  
30 W/230 V  
30 W/240 V
- **Dimensions** 482 (W)x 261 (D)x 455 (H) mm (BC-30)  
19 (W)x10-1/4 (D)x22-1/16 (H)" (BC-30)  
555 (W)x 280 (D)x 557 (H) mm (BC-30/210)  
21-7/8(W)x11 (D)x22-15/16 (H)" (BC-30/210)
- **Weight** 14.5 kg/32 lbs (BC-30)  
19.6 kg/43 lbs 4 oz (BC-30/210)
- **Accessory** Owner's Manual
- **Options** Foot Switches; BOSS FS-5L

0 dBm=0.775 V rms

## Information

When you need repair service, call your local Roland Service Station or the authorized Roland distributor in your country as shown below.

### ARGENTINA

**Instrumentos Musicales S.A.**  
Florida 638  
(1005) Buenos Aires  
ARGENTINA  
TEL: (01) 394 4029

### BRAZIL

**Roland Brasil Ltda.**  
R. Coronel Octaviano da Silveira  
203 05522-010  
Sao Paulo BRAZIL  
TEL: (011) 843 9377

### CANADA

**Roland Canada Music Ltd. (Head Office)**  
5480 Parkwood Way Richmond  
B. C., V6V 2M4 CANADA  
TEL: (0604) 270 6626

**Roland Canada Music Ltd. (Toronto Office)**  
Unit 2, 109 Woodbine Downs  
Blvd, Etobicoke, ON  
M9W 6Y1 CANADA  
TEL: (0416) 213 9707

### MEXICO

**Casa Veerkamp, s.a. de c.v.**  
Mesones No. 21 Col. Centro  
Mexico D.F. 06080 MEXICO  
TEL: (905) 709 3716

**La Casa Wagner de Guadalajara s.a. de c.v.**  
Av. Corona No. 202 S.J.  
Guadalajara, Jalisco Mexico  
C.P.44100 MEXICO  
TEL: (03) 613 1414

### PANAMA

**Productos Superiores, S.A.**  
Apartado 655 - Panama 1  
REP. DE PANAMA  
TEL: 26 3322

### U. S. A.

**Roland Corporation U.S.**  
7200 Dominion Circle  
Los Angeles, CA. 90040-3696,  
U. S. A.  
TEL: (0213) 685 5141

### VENEZUELA

**Musiland Digital C.A.**  
Av. Francisco de Miranda,  
Centro Parque de Cristal, Nivel  
C2 Local 20 Caracas  
VENEZUELA  
TEL: (02) 285 9218

### AUSTRALIA

**Roland Corporation Australia Pty. Ltd.**  
38 Campbell Avenue  
Dee Why West. NSW 2099  
AUSTRALIA  
TEL: (02) 982 8266

### NEW ZEALAND

**Roland Corporation (NZ) Ltd.**  
97 Mt. Eden Road, Mt. Eden,  
Auckland 3, NEW ZEALAND  
TEL: (09) 3098 715

### HONG KONG

**Tom Lee Music Co., Ltd. Service Division**  
22-32 Pun Shan Street, Tsuen  
Wan, New Territories, HONG  
KONG  
TEL: 2415 0911

### INDONESIA

**PT CITRARAMA BELANTIKA**  
Kompleks Perkantoran Duta  
Merlin Blok E No.6—7  
Jl. Gajah Mada No.3—5, Jakarta  
10130,  
INDONESIA  
TEL: (021) 3850073

### KOREA

**Cosmos Corporation Service Station**  
261 2nd Floor Nak-Won Arcade  
Jong-Ro ku, Seoul, KOREA  
TEL: (02) 742 8844

### MALAYSIA

**Bentley Music SDN BHD**  
No.142, Jalan Bukit Bintang 55100  
Kuala Lumpur, MALAYSIA  
TEL: (03) 2443333

### PHILIPPINES

**G.A. Yupangco & Co. Inc.**  
339 Gil J. Puyat Avenue  
Makati, Metro Manila 1200,  
PHILIPPINES  
TEL: (02) 899 9801

### SINGAPORE

**Swee Lee Company**  
BLOCK 231,  
Bain Street #03-23  
Bras Basah Complex,  
SINGAPORE 0718  
TEL: 3367886

**CRISTOFORI MUSIC PTE LTD**  
335, Joo Chiat Road SINGAPORE  
1542  
TEL: 3450435

### TAIWAN

**Siruba Enterprise (Taiwan) Co., LTD.**  
Room. 5, 9fl. No. 112 Chung Shan  
N.Road Sec.2 Taipei, TAIWAN,  
R.O.C.  
TEL: (02) 561 3339

### THAILAND

**Theera Music Co., Ltd.**  
330 Verg Nakorn Kasem, Soi 2,  
Bangkok 10100, THAILAND  
TEL: (02) 2248821

### BAHRAIN

**Moon Stores**  
Bad Al Bahrain Road,  
P.O.Box 20077  
State of BAHRAIN  
TEL: 211 005

### IRAN

**TARADIS**  
Mir Emad Ave. No. 15, 10th street  
P. O. Box 15875/4171 Teheran,  
IRAN  
TEL: (021) 875 6524

### ISRAEL

**Hallit P. Greenspoon & Sons Ltd.**  
8 Retzif Ha'aliya Hashnya St.  
Tel-Aviv-Yafo ISRAEL  
TEL: (03) 6823666

### JORDAN

**AMMAN Trading Agency**  
Prince Mohammed St. P. O. Box  
825 Amman 11118 JORDAN  
TEL: (06) 641200

### KUWAIT

**Easa Husain Al-Yousifi**  
P.O. Box 126 Safat 13002  
KUWAIT  
TEL: 5719499

### LEBANON

**A. Chahine & Fils**  
P.O. Box 16-5857 Gergi Zeidan St.  
Chahine Building, Achrafieh  
Beirut, LEBANON  
TEL: (01) 335799

### OMAN

**OHI Electronics & Trading Co. LLC**  
P. O. Box 889 Muscat  
Sultanate of OMAN  
TEL: 706 010

### QATAR

**Badie Studio & Stores**  
P.O.Box 62,  
DOHA QATAR  
TEL: 423554

### SAUDI ARABIA

**SAF Music Center**  
Al-Khobar 31952, P. O. Box 1366  
SAUDI ARABIA  
TEL: (03) 898 3311

**Abdul Latif S. Al-Ghamdi Trading Establishment**  
Al-Tamini Commercial And  
Residential Center Al-Khobar  
Dharan Highway W/Hamood St.  
P. O. Box 3631 Al-Khobar  
31952 SAUDI ARABIA  
TEL: (03) 898 2332

### SYRIA

**Technical Light & Sound Center**  
Khaled Ebn Al Walid St.  
P.O.Box 13520  
Damascus - SYRIA  
TEL: (011) 2235 384

### TURKEY

**Barkat Sanayi ve Ticaret**  
Siraselvler Cad. Guney Ishani No.  
86/6 Taksim, Istanbul TURKEY  
TEL: (0212) 2499324

### U.A.E

**Zak Electronics & Musical Instruments Co.**  
Zabeel Road, Al Sherooq Bldg.,  
No. 14, Grand Floor DUBAI  
U.A.E.  
P.O. Box 8050 DUBAI, U.A.E  
TEL: (04) 360715

### EGYPT

**Al Fanny Trading Office**  
9, Ebn Hagar Ai Askalany Street,  
Ard El Golf, Heliopolis, Cairo,  
11341 EGYPT  
TEL: (02) 4171828  
(02) 4185531

### MAURITIUS

**Philanthe Music Center**  
4th, Floor Noll, Happy World  
House Sir William Newton Street  
Port Luis MAURITIUS  
TEL: 242 2986

### REUNION

**FO - YAM Marcel**  
25 Rue Jules Merman ZL  
Chaudron - BP79 97491  
Ste Clotilde REUNION  
TEL: 28 29 16

### SOUTH AFRICA

**That Other Music Shop (PTY) Ltd.**  
11 Melle Street (Cnr Melle and  
Juta Street)  
Braamfontein 2001  
Republic of SOUTH AFRICA  
TEL: (011) 403 4105

**Paul Bothner (PTY) Ltd.**  
17 Werdmuller Centre Claremont  
7700  
Republic of SOUTH AFRICA  
TEL: (021) 64 4030

### AUSTRIA

**E. Dematte & Co.**  
Neu-Rum Siemens-Strasse 4  
A-6040 Innsbruck P.O.Box 83  
AUSTRIA  
TEL: (0512) 26 44 260

### BELGIUM/HOLLAND/LUXEMBOURG

**Roland Benelux N. V.**  
Houtstraat 1 B-2260 Oevel-  
Westerlo BELGIUM  
TEL: (014) 575811

### CYPRUS

**Radex Sound Equipment Ltd.**  
17 Diagorou St., P.O.Box 2046,  
Nicosia CYPRUS  
TEL: (02) 453 426  
(02) 466 423

### DENMARK

**Roland Scandinavia A/S**  
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